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(54) Apparatus and process for producing carbon black.

(57) A carbon black reactor is characterized by a converging zone, a throat (14), a first reaction zone - (18) and a second reaction zone serially connected. Oil can be injected both upstream (26) and downstream (28) of the throat (12). Annular walls (20, 22) connect the throat with the first reaction zone and the first reaction zone with the second reaction zone.

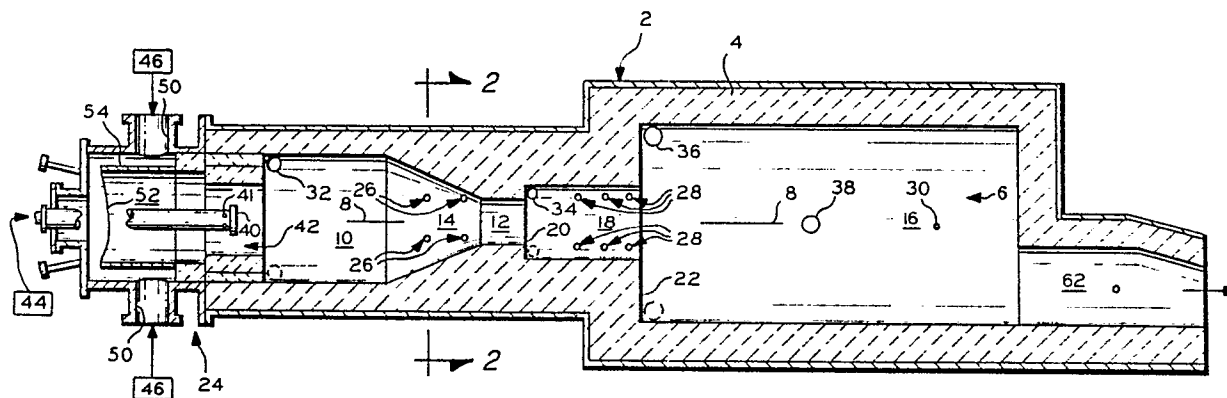


FIG. 1

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EP 86 11 0243

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
A	EP-A-0 102 072 (PHILLIPS PETROLEUM) -----		C 09 C 1/50
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			C 09 C
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 25-06-1987	Examiner VAN BELLINGEN I.C.A.
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	